



# Northern Illinois Street Rod Association

## Valve Cover Racing 2018

Don't know what Valve Cover Racing is? Think "Pinewood Derby" for the Car Guy!



Valve Cover Racing is a competitive event similar to the Pinewood Derby that you might remember from your days in Cub Scouts. But the racers are made from a valve cover from an automotive engine, rather than of wood blocks. Competitors construct a vehicle using a valve cover from a car's engine. It can be decorated or modified within the rules set by the organizing body. The Valve Cover Racer is powered by gravity.

In a Valve Cover Race, two or more Valve Covers Racers are placed at the top of a specially constructed incline. They are released at the same time and the first to cross a finish line at the bottom of the incline wins the race.

**NILSRA Rules for Valve Cover Racing Events:** Starting with a valve cover from an automotive engine, a "Valve Cover Racer" is created by adding a chassis, wheels and weights. Racers can be engineered in any way you want, so long as they follow the official rules (listed below) and can take on any personality or character that you see fit.

- Be made from one automotive engine valve cover;
- Have four (4) wheels, none of which extend beyond the front or rear of the valve cover;
- Have wheels no larger than six (6) inches in diameter;
- Have wheels which rubber or plastic running on the race track surface (no metal);
- Have a minimum of one half (1/2) inch of clearance;
- Be propelled by gravity only;
- Not contain any moving weights;
- Be no longer than thirty (30) inches, measured end to end;
- Be no taller than ten (10) inches in height;
- Be no wider than ten (10) inches; and
- Weigh no more than ten (10) pounds, ready to race.



For some direction on how to build your racer, visit [www.youtube.com](http://www.youtube.com) and search on the phrase "Valve Cover Racing". You will find many different approaches from simple to complex. Don't be afraid to put your personality into the design and paint job. Take a look at the photos here and online to get some ideas of how to build and decorate a racer.

**Valve Cover Racing in 2018:** Northern Illinois Street Rod Association will be producing a set of Valve Cover Racing events leading up to the grand finale at Fiesta Days Car Show on July 15, 2018. To learn more about Valve Cover Racing and see our planned events throughout 2018, please visit [www.nilsravalecoverracing.com](http://www.nilsravalecoverracing.com).

**Visit:** [www.nilsravalecoverracing.com](http://www.nilsravalecoverracing.com)